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U. S. DEPARTMENT OF AGRICULTURE

1913

The
CASSEL
NURSERY
COMPANY

CLEVELAND, OHIO.



PRESS OF
THE O. S. HUBBELL PTG. CO.
CLEVELAND

A LIST OF THE MOST DESIRABLE

Trees, Shrubs, Roses, Small Fruits, Vines, Etc.



WITH PRICES FOR

1912—————1913

IN this our Seventh Annual Catalog, we are offering home grown stock direct to the planter. We grow our own stock, and our prices are fixed on a basis of the cost of production. We are offering many new fruits, some illustrated in natural colors. We have planted these varieties extensively in our own orchards, and believe they will prove profitable to our customers.

The Cassel Nursery Company
CLEVELAND—————OHIO



INTRODUCTORY

WE take pleasure in presenting herewith our seventh annual catalog, containing a brief description of Fruit and Ornamental nursery stock, offered by us. We have tried to make the arrangement simple and systematic, so that it will be of assistance to our patrons in making up their orders.

In both the Fruit and Ornamental Departments we have tried to keep fully up with the times. We endeavor to obtain, as soon as introduced, novelties at home and abroad that are worthy of dissemination, and as soon as their worth is proven on our experimental grounds, we offer them to our customers.

Our business was not developed in a day, but has year after year show a steady increase, until we now have the most complete nursery in this vicinity.

It is our aim and intention to supply only the best stock at the lowest prices consistent with the quality of the goods offered, and intending purchasers will find it to their advantage to give us an opportunity to furnish estimates upon their lists.

We have used photographs because they show objects as they actually are. We have tried to honestly describe varieties that we have tried and can recommend to the planter. We desire to make friends of all who buy our trees, and we know the easiest way to do this is to furnish each customer with stock that will do well in his locality.

Excessive freight and delivery charges not only prevent many from ordering direct from some well-known nursery, but often lead them to buy from irresponsible dealers. At prices quoted in this catalog we deliver the stock direct from the nursery to your nearest freight or express office without further expense to you. Our plan not only puts a nursery at your door, but gives you as low prices as are ever given on good nursery stock.

Our customers are requested to notify us at once of any errors that may be committed in filling their orders, so that we may at once make ample amends, as we desire to conduct our business in all respects satisfactory to those who favor us with their confidence.

We are grateful for the liberal patronage we have enjoyed in the past, and solicit a continuance of the same.

THE CASSEL NURSERY COMPANY
CLEVELAND, OHIO



General Instructions to Customers

OHE attention of customers is respectfully called to the following directions, which will, if followed, be an aid to the purchaser as well as ourselves.

Order Early. It will greatly facilitate our work if orders are placed with us early. Frequently orders sent late in the season cannot be filled in full. We aim to send off all orders when wanted, but sometimes, during the rush season, this is impossible, hence the advisability of ordering early.

How to Order. Please use order sheets found in each catalog, carefully filling out blank spaces at the top for shipping directions. Be sure to sign your name and give post-office and state. To avoid mistakes, do not write letters on same sheet as orders.

Terms. Cash, (money order, draft, registered letter, or check) with order will entitle purchaser to a discount of 3%. Accounts opened only with well-known correspondents, or those furnishing amply satisfactory references.

Packing. No charge is made for packing, nor for delivering to Freight Depots or Express Offices in Cleveland or Rocky River.

Freight Prepaid. On all orders of \$10.00 or more, accompanied by cash, we will prepay freight or express charges to destination.

Local Delivery. Delivery is made direct from our wagons in Cleveland, Berea, Collinwood, East Cleveland, Lakewood, Rocky River, and South Brooklyn. On orders of \$10.00 or more, we will deliver prepaid, through The Electric Package Co., to any points in Northern Ohio, reached by this system.

Prices. The prices quoted in this catalog are based upon the cost of producing the stock, with only the grower's profit added. You do not have to pay an agent's commission for selling the stock—we have no agents, and are responsible only for orders sent direct to us.

Guarantee. We warrant our stock to be well-grown, healthy, in good growing condition, and to be true to label, and will replace, free of charge, any that prove otherwise. Most failures with nursery stock are due to causes beyond our control, such as unfavorable weather conditions, improper planting, lack of care, etc., which renders it impossible for us to guarantee success, and every order from this catalog will be executed under these conditions only. It must be plain to anyone giving it the slightest thought, that it is to our interests to send out stock that will not only grow, but prove true to name and description.

Correspondence. We try to give prompt attention to all letters of inquiry, and when necessary, we will send a man for consultation and advice on all subjects relating to our business. No charge is made for this, and we advise customers to avail themselves of this service.

Estimates. We will be pleased at any time to quote prices on stock of different sizes or in larger quantities than offered in this catalog.

Address all orders and correspondence to

THE CASSEL NURSERY COMPANY

1384 Riverside Road, LAKWOOD

CLEVELAND, OHIO

Local and Long Distance 'Phones { Bell, Marlo 702 J.
Cuyahoga, Lake 30 R.



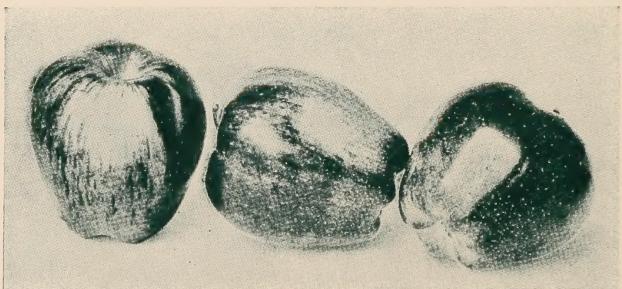
Fruit Department

ABOUT FRUIT TREES.

Pedigreed Trees. Such trees are produced by budding or grafting in the usual way, using cions or buds cut from trees that have borne fruit. All of the trees grown by us have been propagated from trees that are bearing in the orchard, and that are "making good." There is no guess work about this method, and it is also conceded by all intelligent nursery-men and orchardists, that such trees when set out in the orchard bear much younger than trees propagated the ordinary way. Trees propagated this way cost more, but the cost is justified by the results obtained.

Whole Root Trees. The usual way of propagating apple trees is by the piece-root grafting. The root of an apple tree is cut into from 3 to 5 pieces, and a cion, 6 inches long is grafted on each piece. Trees produced by this method have not the perfect root system nor the vigorous growth of those propagated on whole roots. All trees grown by us and offered to planters are grafted or budded on whole roots using the best French and American roots that can be procured. Trees grown by this method have a strong, perfect root system, which in turn, promotes a vigorous, sturdy growth. Such trees cost more, but they grow better, and are the only kind thinking orchardists can afford to plant. Trees should be purchased because of their good qualities, not because of price.

Plant Young Trees. In the East, two year trees are usually planted, but in the large commercial orchards of the West, one year trees are used exclusively. For many reasons the one year tree should be favored. It costs less and can be planted more cheaply; it roots more readily than older trees, and can be easily trained to suit the individual ideas of the orchardist. The young trees will come into bearing as soon as the older trees, will live much longer, bear as much fruit, and make a better orchard.



Delicious Apples, showing typical shape of the fruit of this variety

APPLES

Price, 5 to 6 ft., No. 1, 50 cents each, \$5.00 per doz.; 4 to 5 ft., medium, 35 cents each, \$3.50 per doz., unless otherwise noted.

Varieties are arranged in the order of their ripening. While we are growing, and offering a general line of nursery stock, we are specializing on apples, for the reason that the "back to the soil" movement has caused a heavy demand for apple, as well as other fruit trees. We are recommending varieties of unusual merit, and by planting these varieties, remarkable results in apple growing are made possible.

Summer Varieties.

Red Astrachan. Large, red, acid. Tree bears quite young.

Yellow Transparent. A large transparent-yellow apple of the Russian type. Quality good, sub-acid, and fragrant. 60 cents each.

Centennial. A variety disseminated by us some years ago as an ever-bearing apple. Ripens continuously from August until October, the later picking keeping until the following summer. Fruit is of medium size, yellow with red stripes, and has a sprightly sub-acid flavor. We do not advise planting it for commercial purposes, but where only a few trees can be planted, it is valuable for its regular and continuous bearing qualities. 1 year, 75 cents each.

Fall Varieties.

Duchess of Oldenburg. A well-known Russian apple. Large, yellow, streaked with red. For commercial purposes we consider Duchess the best of the season.

Maiden Blush. An old variety of good quality, once very profitable, but now supplanted by better sorts. Size, medium; color, yellow, with crimson blush cheek where exposed to the sun.

Black Detroit. The original tree of this variety was brought from France, by a Catholic priest in the eighteenth century, and planted near what is now Detroit, Mich. Tree is very hardy, a regular bearer, of very large, dark red fruit of good quality. 1 year, 75 cents each.



Showing bundle of one year Apple Trees

Many orchardists prefer planting this grade of trees—they cost less and grow more rapidly after being transplanted. We have a fine stock of one year fruit trees and can supply almost any variety listed in this catalog.

Rambo. Tree rather a shy bearer; fruit greenish yellow, striped with red. Quality good.

Wealthy. A very rapid grower, frequently producing fruit while in the nursery rows. Large, very smooth, and almost entirely overspread with red. Quality rich, sub-acid, equal to Jonathan. We recommend its planting either for the home or commercial orchard.

Winter Varieties.

N. W. Greening. A vigorous grower, and an improvement over R. I. Greening. Fruit very large, greenish-yellow, with sprightly sub-acid flavor.



Apple Grafts

Upper row shows cions grafted the ordinary way on short pieces of root; most nurserymen propagate this way in order to produce trees as cheaply as possible. We use heavy branched American and French grown seedlings, grafting at the crown only, thus making what is known as a "whole root" graft. These are shown at the bottom of cut. Is it not reasonable to suppose that whole root grafts make stronger trees and are a better foundation for an orchard than the piece root stock?

R. I. Greening. A greenish-yellow apple, very valuable in the East, but drops badly here. Tree late to come into bearing.

Baldwin. The most popular variety of the Eastern states. A large, red, firm-textured apple with a thick skin. Quality very good. Tree does not bear well until eight or ten years old, but when mature, bears abundantly.



Winter Banana Apple

Northern Spy. Tree very hardy and often used for top—working less vigorous and hardy varieties. Fruit bright pink with carmine stripes. Quality very good.

Banana. Tree a good grower. Bears young and abundantly. Fruit, large clear yellow, with a delicate pink blush. Quality very good, carrying a suggestive banana flavor and a delightful aroma. Very valuable. Price, 60 cents each.

Jonathan. Tree an early bearer, long lived, and very productive. Fruit brilliant dark red, and of high quality. A very popular variety in Western orchards, and now being largely planted here. 60 cents each.

Ensee. Seedling of Rome Beauty, and an improvement over that valuable variety, the fruit being larger, and a better keeper. Price, 60 cents each.

The Cassel Nursery Co. Cleveland, Ohio.



Rome Beauty Apples
An old favorite and one of the best.

Rome Beauty. An old variety that is rapidly growing in favor with planters. Tree is inclined to overbear, and fruit should be thinned during the growing season. It is a late bloomer, thus escaping the late

spring frosts. Fruit large, smooth, shaded and striped with bright red. Valuable for commercial orchards. 60 cents each.

Ben Davis, Missouri Pippin. We are not pushing the sale of these two varieties, believing that better varieties such as Black Ben, and Champion should be planted in their stead. Black Ben has driven Ben Davis from the market, and Champion is superior in every way to Missouri Pippin.

Gano. A seedling of Ben Davis, and while the quality is better than that of Ben Davis, yet it is far inferior to Black Ben and Champion. Tree is a good grower and a young and abundant bearer of apples that sell well because of their color.

Stayman Winesap. Seedling of Winesap and originated with the late Dr. Stayman of Kansas. Tree a strong grower, and will thrive well on thin soil where other varieties fail to do well. Fruit large, to very large, and of a dark, rich red. A good keeper, specimens last year keeping in our cellar until June in perfect condition. 60 cents each.



Stayman Winesap—Note the heavy bearing habit of this variety



Four Apples of Special Merit

Illustrated in Natural Colors on page 11

Delicious. Originated in Iowa with a Mr. Hiatt. Tree a vigorous grower. Fruit brilliant dark red, mingled with gold near the blossom end. A characteristic of this variety is that on every apple are the five little protuberances, more or less pointed, depending on the section where grown. In quality it is unsurpassed, sweet, with a slight touch of acid, and with a delightfully fragrant aroma. In keeping qualities, it ranks with the best, being in perfect condition in our cellar last July. Luther Burbank, the Wizard of Horticulture says, "It is a gem—the finest apple in all the world." From all over the United States come reports that, when simmered down to a few facts, place this variety at the head of the list for vigorous growth of tree, extreme hardiness, early and regular bearing, (tree bears crops two or three years after planting) beauty, quality of fruit and its long keeping qualities. Each, 75 cents.

King David. Tree and foliage much resembles Jonathan. Is as hardy as Ben Davis, but a better grower. Fruit, medium to large, resembles Jonathan in shape, but is a deep, rich red, overspread with crimson on the sunny side. In our cellar it kept in good condition a month later than Jonathan. Tree a young and annual bearer, producing a few apples the second year from planting. Quality better than Jonathan as a table apple. King David is largely superseding Jonathan in Western commercial orchards. Price, 75 cents each.

Black Ben. Tree a vigorous grower and very hardy; an early and regular bearer. Fruit is large, very handsome, solid, deep, dark red, without stripes. The color alone will sell the fruit. We do not claim for it the high quality of Delicious or King David, but it is far superior to Ben Davis, Gano, and others of this class. Will stand handling, and long distance shipment, as the bruises do not rot, but dry up. It, with Delicious, kept in our cellar last year until July. We recommend orchardists everywhere to plant this variety, being, in our estimation, second only to Delicious, as a profitable commercial variety. Price, 75 cents each.

Champion. Tree is vigorous and well-shaped, with heavy foliage. Bears at an early age. Fruit, golden yellow, striped and shaded red. Flesh firm, juicy, sub-acid. Skin tough, and bears handling and shipping well. Not surpassed by any variety as a long keeper. Blossoms very late; hence escapes late spring frosts. It will not fail to please any orchardist, and no one needs to hesitate in planting it. Price, 75 cents each.



1 King David
2 Delicious
3 Black Ben
4 Champion

TWO-THIRDS NATURAL SIZE

The Cassel Nursery Co.

Cleveland, Ohio.

In answer to an inquiry, we received the following letter:

OHIO AGRICULTURAL EXPERIMENTAL STATION
WOOSTER, O., January 17, 1912.

*The Cassel Nursery Company,
Cleveland, Ohio.*

Dear Sirs:-

All of the varieties you mention have been tested at the station, and all show promise. Some of the strong and weak qualities of the different varieties as they appear to us after a ten year test are:

The DELICIOUS is a good grower, fair yielder, excellent quality and appearance, but it does not appear to be a long keeper. The season is about with the Northern Spy.

The KING DAVID fruited with us for the first time this year. The apples are smaller than Delicious, darker, and not quite so handsome, but of good quality. They do not get mealy quite as soon as the Delicious.

The BLACK BEN is a large, high colored apple, a good yielder, grower and keeper.

The CHAMPION is a good grower, a heavy regular bearer. The fruit is of fair size, if well thinned; it is inclined to overbear, (C. N. Co.) is attractive in appearance, and a very good keeper. The quality puts it in the Ben Davis class. Of the four varieties, I consider the Champion least desirable, and yet, for the production of apples for an undiscriminating trade, it could not be excelled.

Yours truly,

(Signed) PAUL THAYER,

Ass't Horticulturist.

DWARF APPLES.

For the garden or small yard these dwarf trees are desirable. We can furnish varieties as follows: Red Astrachan, Yellow Transparent, Duchess, and Baldwin. 1 year, 50 cents each.

CRAB APPLES.

Hyslop. Beautiful in flower. Large crimson. Fruit ripens in October.

Transcendent. Large, red and yellow. Very productive. Ripens in September.

PEARS

Price, standards, 5 to 6 ft., No. 1, 50 cents each, \$5.00 per doz.; 4 to 5 ft., medium, 35 cents each, \$3.50 per doz.; dwarfs, 4 to 5 ft., No. 1, 50 cents each, \$5.00 per doz.

Varieties are arranged in the order of their ripening.

Tyson. Large, yellow, with brown cheek. August.



Bartlett Pear

Showing early bearing habit of our trees. This orchard was planted spring of 1910, photo taken fall of 1911.



Kieffer Pear, planted spring of 1910. Photo taken fall, 1911.

Bartlett. A popular variety with large, yellow fruit. September.

Flemish Beauty. Large, greenish yellow. September and October.

Garber. Large, yellow as an orange. September and October.

Seckel. Small, yellowish brown. Very sweet. September.

Duchess. Very large, greenish yellow. Rich and juicy. Succeeds best as a dwarf. October.

Kieffer. Large, yellow, heavy bearer, good grower. October to November.

— CHERRIES —

Sour Varieties.

Price, 4 to 5 ft., 50 cents each, \$5.00 per doz. Varieties are arranged in the order of their ripening.

Dyehouse. Tree a hardy, vigorous grower. Fruit red, medium sized, and produced annually in great abundance.

Early Richmond. The well known, "Early May" cherry. Tree a free grower, and very productive.

May Duke. Tree vigorous, fruit large, dark red, sub-acid and ripens irregularly.

Montmorency. Probably the most profitable of the sour cherries. Very large and productive. Coming on the market late, the fruit always brings good prices. Our Montmorency trees have been propagated from a strain far superior to those usually sold.

— CHERRIES —

Sweet Varieties.

Price, 5 to 6 ft., 50 cents each, \$5.00 per doz.

Black Tartarian. Tree a vigorous, upright grower. Fruit very large, black, heart-shaped, juicy and sweet.

Windsor. From Canada. Very hardy. Fruit very large, liver-colored. Very sweet and meaty.

Cow Wood. Tree vigorous and productive. Fruit light yellow, splashed with red. Valuable.

Napoleon. Tree a strong grower and heavy bearer of very large, sweet cherries, yellow, almost covered with a beautiful red blush. The best of the Bigarreaus.

Yellow Spanish. Very large, clear, pale yellow. The best of the light colored cherries.

PEACHES

5 to 6 ft., 35 cents each, \$3.50 per doz.; 4 to 5 ft., 25 cents each, \$2.50 per doz. Special prices by the hundred or thousand. Varieties are arranged in the order of their ripening. All varieties cataloged are free-stone.

Mayflower. An extra early red peach of good quality. Tree very hardy and productive.

Hiley. Very hardy in tree and bud. Fruit large, white, highly colored red on the side exposed to the sun.

Crawford Early. One of the best known of the older varieties. Large, yellow, with red cheek, and very productive.

Crawford Late. Similar to Early Crawford, but ripens later.

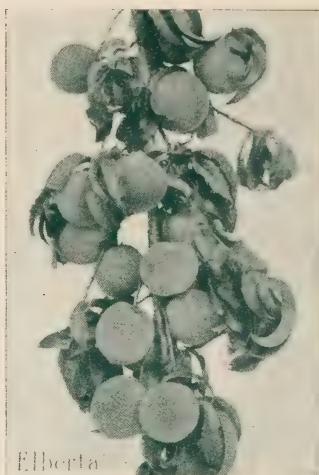
Smock. Large, yellow, mottled with red.

Carman



Carman. Tree a regular, early bearer. Fruit large, yellowish white splashed with red. This variety, with Elberta, are the two most profitable varieties for Northern Ohio.

Elberta. Tree vigorous and hardy. Fruit large, to very large yellow, with beautiful blush. This variety has been planted more extensively than any other variety, and has proved profitable wherever peaches are grown.



Salway. Large, dull yellow, sometimes mottled with brownish red. Tree a strong grower and hardy. This is probably the best late variety.

PLUMS

Price, 5 to 7 ft., 50 cents each, \$5.00 per doz. Varieties are arranged in the order of their ripening.

Red June. A dark coppery red fruit of medium size. The earliest plum to ripen in this locality.

Abundance. Large, yellowish red. Very productive.

Burbank. Large, globular, cherry-red. This variety bears very young, and is one of the best of the Japanese sorts.

Wickson. Medium to large, carmine, with heavy white blossoms.



Lombard. Medium, violet red, and immensely productive.

Imperial Gage. Large, oval, greenish yellow.

German Prune. Very large, dark blue, with a heavy bloom.

Fellemburg. Large, oval shaped, dark purple. Very valuable.

—QUINCES—

Price, 3 to 4 ft., No. 1, 50 cents each, \$5.00 per doz.

Orange. Large, bright yellow, fine quality.

—GRAPES—

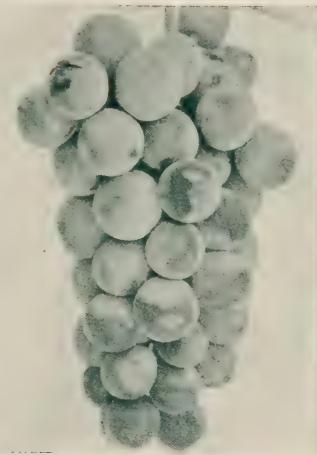
Prices are for strong two year vines. Special prices will be quoted on large lots for vineyard planting. Varieties are arranged in order of their ripening.

Campbell's Early. Strong healthy grower with large foliage. Bunch and berry very large. Stands at the head of early black grapes for quality. Price, 20 cents each.



Campbell's Early Grape

Brighton. The most popular red grape. Large in bunch and berry. Quality very good. Price 15 cents.



Brighton Grape

Diamond. The leading early white grape. Vine is as vigorous and healthy as the Concord, fruit large, excellent quality. Price 20 cents each.



Diamond Grape

The Cassel Nursery Co.

Cleveland, Ohio.

Moore's Early. Large, black, very early. Price 15 cents.

Delaware. Small, red, bunches compact, fruit very sweet. Price 15 cents each.

Worden. Black, similar to Concord but earlier and larger. Price 15 cents each.

Concord. Black with a rich bloom. One of the most popular grapes grown. Price 10 cents each.

Niagara. Large, white, quality good. Price 15 cents each.

Catawba. A medium sized production, red variety, very late. Price 10 cents each.

GOOSEBERRIES

Plants are strong two years old.

Houghton. Berries red, medium sized, and bear abundantly. Very good quality and planted largely for commercial purposes. Illustrated in colored plate, page 17. Each, 10 cents.

Downing. Large, pale green. Each, 15 cents.

Industry. Of English origin, this variety succeeds admirably here, bearing immense crops of the largest size of red berries. Each, 25 cents.

Auburn. The original plant of this variety was found by us, fruiting in a garden in Auburn township, Geauga, Co., Ohio, eight years ago. Attention was attracted to the unusual size of the fruit and plant, and its productiveness. We have watched this variety closely since, and during this time it has never failed to produce a heavy crop, and has always been free from mildew. Its behavior on our grounds has

been most satisfactory, and we are now offering it to planters.

Description. A vigorous, rapid grower that quickly makes a bush 3 to 4 feet high. Foliage thick and leathery, and remains on the plant until fall. Absolutely free from mildew. The fruit is enormously large. Larger than any gooseberry we have ever seen, and is produced in great abundance. The berries are oblong in shape, perfectly smooth, light yellow or straw-colored when ripe. The flavor is good, being one of the few gooseberries that are fit to eat out of the hand. We are now booking orders for the plants of this variety, delivery to be made in the fall of 1912. No plants will be delivered until that time, payment to be made on delivery. Not more than 6 plants will be sold to any one person, as it is our intention to make the distribution as widely as possible with the plants in stock. Illustrated in natural colors on page 17. Price, 2 year, \$1.00 each, \$5.00 for six.



Auburn Gooseberry
Natural size

If you have only a forty foot lot, you should plant a few fruit trees in the back yard, and you will soon have not only shade, but plenty of fruit also.



- 1 Early King Raspberry
- 2 London Market Currant
- 3 Perfection Currant
- 4 Auburn Gooseberry
- 5 Eldorado Blackberry
- 6 Houghton Gooseberry
- 7 Montmorency Cherry

SLIGHTLY REDUCED FROM NATURAL SIZE.

The Cassel Nursery Co.

Cleveland, Ohio.

CURRANTS

Plants are strong, two years old, and of the large fruited varieties. Price 10 cents each, \$1.00 per doz., except as otherwise noted.

Black Naples. A very large, black fruited variety.

Fay's Prolific. Very large, long bunches, a good commercial variety.

Perfection. By far the largest and most productive of the red currants yet introduced. It has fruited on our grounds and has proved a wonder as to size, productiveness, and keeping qualities. Illustrated in colored plate, page 17. Price, 25 cents.

Wilder. Until the introduction of the Perfection, we considered this the best red currant. Fruit large, bunch long and a great yielder.

Victoria. Of medium size, good bearer and ripens its fruit very late.

London Market. Plant very vigorous. Fruit large in bunch and berry, and a heavy cropper. This variety is being heavily planted for commercial purposes. Illustrated in colored plate, page 17.

BLACKBERRIES

Price, 30 cents per dozen, \$2.00 per hundred, \$15.00 per thousand, except as otherwise noted.

Early Harvest. Medium size, uniform, glossy black. Very early.

Snyder. Large, heavy bearer, very productive and hardy.

Wilson. Large, productive and very sweet.

Eldorado. Fruit very large, jet-black; they are sweet and melting, having no hard core. 50 cents per dozen, \$2.50 per hundred. Illustrated in natural colors on page 17.

RASPBERRIES

Black Varieties.

Price, 25 cents per doz., \$1.50 per 100, \$12.00 per 1,000.

Kansas. The old standard black cap. This variety can always be depended upon to produce large crops of medium sized berries early in the season.

Cumberland. Fruit is enormously large, some of the berries measuring an inch in diameter. Quality good. Berries ripen in midseason.

RASPBERRIES

Red Varieties.

Price, 25 cents per doz., \$1.50 per 100, \$10.00 per 1,000.

Early King. Large, light crimson, quality excellent. The earliest of all raspberries. Illustrated in natural colors on page 17.

Cuthbert. Very large, flavor very sweet, mid-season.

RHUBARB

Price, 10 cents each, \$1.00 per dozen.

Myatt's Linnaeus. Large, early and tender. One of the best for sauce and pies.

ASPARAGUS

Price, 25 cents per dozen; \$1.00 per hundred, \$5.00 per thousand.

Conover's Colossal. We recommend this variety for its large size, fine quality and productiveness.

STRAWBERRIES

Our rows are dug solid, customers thus getting the best plants produced. We are offering the same varieties we did last year, and for the same reason. When we find any variety with better qualities we will certainly offer them to our customers.

Price, 15 cents per dozen, 75 cents per hundred, \$5.00 per thousand.

Sample, (P) a strong growing variety producing great crops of large, dark red berries of uniform size.

Wm. Belt, fruit being very large and quite uniform in shape, bright glossy red and brings the highest price in market.



Landscape Planting

IN planting a new lawn, or remodeling an old one, it is best to have a plan or sketch drawn showing location of drives, walks, trees, shrubbery, etc.

You will get the best results for the money expended if you have us prepare your plans and planting list. We will cheerfully do this for you, and will make you an estimate showing the exact cost of the work completed.

Having competent men in our employ, we are able to give expert advice on forestry, horticulture, landscape gardening, and kindred subjects. Consult us about planting plans, and sketches will be prepared free of charge for you, when the stock is furnished by us.

We solicit correspondence with all who contemplate improving or beautifying their grounds.

Our Best Lawn Grass Seed

For the past 7 years we have advertised and sold this blended grass seed, and, considering the results attained, we believe that there is no better lawn seed on the market than ours. We guarantee this seed to be free of chaff and weed seeds, and of the highest vitality. We prepare this mixture ourselves, using the best and most suitable varieties for producing quickly, a neat velvety lawn and permanent sod. One pound will cover about 400 square feet of surface. Price, 40 cents per lb.; 5 lbs., \$1.75; 10 lbs., \$3.00; 100 lbs., \$28.00.





Deciduous Ornamental Trees

We have tried in this catalog to give descriptions that will aid you in making selections adapted to your location, soil and requirements.

All of our trees have been grown with great care to make them straight and stocky, with a well balanced root system. We grow most varieties offered in large quantities, and, when customers contemplate making a large planting, we are often able to make lower prices than quoted in this list.

We have omitted descriptions of many varieties of trees of little or doubtful value. We do not grow, neither do we advise our customers to plant Ash, Willows or Carolina Poplars.

In quoting prices we give the approximate height of the trees in feet, and the caliper (or thickness of the trunk of the tree at the ground) in inches.

Beech, Purple-leaved. (Fagus River-sii.) A strong growing variety with deep purple foliage in spring. Our trees are imported from Holland with balls of earth attached, and are sure to grow.
5 to 6 ft., \$2.50 each.

Birch, European White. (Betula Alba.) A rapid growing tree with silvery bark and slender branches; grows anywhere.

	Each	Doz.
6 to 8 ft.,	\$0.75	\$ 7.50
8 to 10 ft.,	1.00	10.00

The Cassel Nursery Co.

Cleveland, Ohio.

Birch, Cut-leaved Weeping. (*Betula Laciniata Pendula*.) Of rapid growth, this tree early acquires a graceful drooping habit, and silvery white bark. Very valuable for lawn planting.

	Each	Doz.
6 to 8 ft.,	\$1.00	\$10.00
8 to 10 ft.,	1.50	15.00
10 to 12 ft.,	2.00	22.00
Specimens 2 to 3 in.,	\$5.00	

Catalpa, Western. (*Catalpa Speciosa*.) Of remarkable, strong, quick growing habit, and is especially ornamental in June when laden with a profusion of large, compound panicles of white flowers. It succeeds in all kinds of soils, and is suitable for either street or lawn planting.

Special prices on carload lots.

	Each	Doz.
8 to 10 ft.,	\$0.75	\$ 7.50
10 to 12 ft.,	1.25	12.50
2 to 2½ in.,	1.50	15.00



Catalpa Bungei

Catalpa, Chinese. (*Catalpa Bungei*.) Sometimes called the Umbrella Tree. A dense, round-headed bush, grafted high on the straight, upright stem of the Catalpa Speciosa.

Very desirable for lawns where large trees would be undesirable.

	Each
5 to 6 ft., 1 yr. heads	\$1.00
5 to 6 ft., 2 yr. heads	1.50
6 to 8 ft., 3 yr. heads	2.50

Crab, Bechtels Double Flowering. (*Malus Ioensis Bechteli*.) A small tree bearing masses of double rose-like flowers of a delicate pink color in early spring.

2 to 3 ft.,	\$0.50 each
3 to 4 ft.,	.75 each

Dogwood, White Flowering. (*Cornus Florida*.) A small native tree producing a mass of large white flowers in early spring before the leaves appear. For best effects they should be planted in clumps of five or more.

	Each	Doz.
5 to 6 ft.,	\$1.00	\$10.00
6 to 8 ft.,	1.50	15.00

Elm, American White. (*Ulmus Americana*.) A native tree of massive proportions, with graceful arching branches, and thick leathery foliage.

	Each	Doz.
8 to 10 ft.,	\$0.75	\$ 7.50
10 to 12 ft.,	1.00	10.00

Elm, Cork-Barked. (*Ulmus Campestris*.) Of rapid growth, with long, slender, corky branches, assuming a drooping habit; the best of the species, and very valuable for lawns or suburban places.

	Each	Doz.
8 to 10 ft.,	\$1.00	\$10.00
10 to 12 ft.,	1.50	15.00
Specimens 2 in.,	2.00	22.00

Horse Chestnut. (*Aesculus Hippocastanum*.) Very ornamental trees, covered in May with large spikes of white flowers. Rather a slow grower, but in time forms a beautiful tree for the lawn, but is unsatisfactory as a street tree.

	Each	Doz.
5 to 6 ft.,	\$0.75	\$ 7.50
6 to 8 ft.,	1.00	10.00
Specimens, 2 in.,	2.50	

The Cassel Nursery Co.

Cleveland, Ohio.

Horse Chestnut, Red. (*Aesculus Hippocastanum Rubrum.*) A red flowering form of the above, and is exceedingly rare and beautiful.

5 to 6 ft., \$1.50 each

Linden, American. (*Tilia Americana.*) A rapid growing native that develops into a large broad, open-headed tree. In spring it is covered with small yellow flowers that fill the air with fragrance; very desirable for lawns or suburban estates.

	Each	Doz.
6 to 8 ft.,	\$0.50	5.00
8 to 10 ft.,	0.75	7.50
10 to 12 ft.,	1.00	10.00

Linden, European. (*Tilia Vulgaris Rubra.*) Similar in many respects, but less desirable than the American variety. Price same as the American.



Tea's Weeping Mulberry

Mulberry, Tea's Weeping. (*Morus Tartarica Pendula.*) Foliage similar to the Russian variety, except that the growth is downward from the

graft, which is inserted on a stem 5 to 6 feet from the ground.

2 year heads, \$1.50 each.

Japan Maple, Red. (*Acer Polymorphum Atropurpureum.*) A blood-leaved dwarf variety that holds its color throughout the seasons. This is the best variety of the species.

18 to 24 in.

Each
\$2.50

Japan Maple, Cut-leaved. (*Acer Polymorphum Dissectum.*) Same as the above, excepting that the leaves are deeply and delicately cut like a fern. Price same as the preceding variety.

Maple, Norway. (*Acer Platanoides.*) A round-headed tree with broad dark green leaves that cast a dense shade. Tree a slow grower while young, and it takes some time to become established after planting.

	Each	Doz.
8 to 10 ft.,	\$1.00	\$10.00
10 to 12 ft.,	1.50	15.00
2 in. caliper		2.50

Maple, Sugar or Rock. (*Acer Saccharinum.*) The native hard maple of our forests, the foliage having a most brilliant autumn coloring. Although it is not a rapid grower, with age it makes a straight, symmetrical tree of grand proportions.

	Each	Doz.
8 to 10 ft.,	\$1.00	\$10.00
10 to 12 ft.,	1.50	15.00
2 in. caliper		3.00

Maple, Weir's Cut-leaved. (*Acer Weiri Laciniatum.*) A sport from the common Silver-leaved Maple, with leaves more deeply cut than its parent. It is a rapid grower, and is easily distinguished by its slender branches that droop gracefully; valuable for lawns.

	Each	Doz.
8 to 10 ft.,	\$1.00	\$10.00
10 to 12 ft.,	1.50	15.00
Large specimens		5.00

Purple-leaved Norway Maple. (*Acer Schwedleri.*) Similar to the Norway Maple, except that the young foliage is red or purplish, later turning to green.

	Each	Doz.
8 to 10 ft.,	\$1.50	\$15.00
10 to 12 ft.,	2.50	25.00



Silver Leaved Maple

Maple, Silver-leaved. (Acer *Dasycarpum*.) This Maple may be seen along the streets of almost any city or village. It is a rapid grower in

all soils and locations and it matures so rapidly that it is much sought for quick effects. The leaves are deeply cut, and their silvery under

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Cleveland, Ohio.

surface makes it easily distinguished from other varieties of the species. We have had an illustration of a specimen tree made from a photograph. Note the graceful lines of growth and foliage.

	Each	Doz.
6 to 8 ft.,	\$0.35	
8 to 10 ft.,	.50	\$ 5.00
10 to 12 ft.,	1.00	10.00
1½ to 2 in. cal.,	1.50	15.00
2 to 2½ in. cal.,	2.50	25.00
2½ to 3 in. cal.,	5.00	

Special prices by the hundred, thousand, or car-load lots.

Oak, Pin. (*Quercus Palustris.*) The most popular of all oaks. As the tree grows the branches droop, giving the tree a beautiful and characteristic outline. The leaves are finely divided, deep green in summer, changing to orange and scarlet in the fall. Very desirable.

	Each	Doz.
8 to 10 ft.,	\$ 1.50	\$15.00
10 to 12 ft.,	2.00	22.00
3 to 4 in. specimens	5.00	
4 to 5 in. specimens	10.00	

Purple-leaved Plum. (*Prunus Pissardi.*) A small tree with dark purple foliage retaining this color the entire summer.

	Each	Doz.
3 to 4 ft.,	\$0.50	\$ 5.00
5 to 6 ft.,	1.00	10.00

Double Flowering Plum. (*Prunus Triloba.*) A small growing, hardy, Japanese tree with delicate, pink, double flowers borne on slender branches. Blooms in May.

	Each	Doz.
3 to 4 ft.,	\$0.50	\$5.00

Tulip Tree. (*Liriodendron Tulipifera.*) A native tree of rapid growth that does well in almost all soils; foliage is dark green, glossy and dense. The tree flowers freely in June, producing a creamy-yellow tulip-like flower. Valuable for lawns.

	Each	Doz.
7 to 8 ft.,	\$1.00	\$10.00
8 to 10 ft.,	1.50	15.00

Sweet Gum. (*Liquidamber Styraciflua.*) A native tree of medium height and rapid growth, with a broad pyramidal head, perfectly hardy, and grows in any soil. The bark is corky, the leaves star-shaped, of a bright, glossy green in summer, but in fall its foliage varies from bright red to darkest crimson. This is the most valuable, as well as the most beautiful tree of our entire list for lawn planting.

	Each	Doz.
5 to 6 ft.,	\$1.00	\$10.00
6 to 7 ft.,	1.50	15.00
7 to 8 ft.,	2.00	20.00

Sycamore, European or Oriental Plane. (*Platanus Orientalis.*) Similar in many respects to the American variety, but is a somewhat cleaner tree, with smaller leaves.

	Each	Doz.
8 to 10 ft.,	\$1.00	\$10.00
10 to 12 ft.,	1.50	15.00
2 in. specimens,	2.50	27.50

Sweet Bay. (*Magnolia Glauca.*) The glossy laurel-like foliage of this variety is almost evergreen. Flowers very fragrant, white, appearing in June.

2 to 3 ft.,	\$1.50	each.
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—CHINESE MAGNOLIAS—

Magnolias cannot be successfully transplanted if grown and dug the ordinary way. All of the Chinese varieties offered by us are imported from Holland with ball of earth attached, hence there will be no loss in transplanting.

Chinese White Magnolia. (*Conspicua.*) A very conspicuous plant about the first of May, when it is completely covered with large white cup-shaped flowers.

3 to 4 feet,	\$2.50	each.
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Lenne's Magnolia. (*Lennei.*) This variety is a strong grower, and has dark almost purple flowers, blooming in May, and frequently again in late summer.

3 to 4 feet,	\$2.50	each.
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The Cassel Nursery Co. Cleveland, Ohio.

Soulange's Magnolia. (Soulangeana.) The hardiest and finest of the Chinese varieties. Flowers pink, with white center, blooming in May.

3 to 4 feet, \$2.50 each.
5 feet up, 3.50 each.

Hall's Magnolia. (Halleana or Stellata.) Dwarf and bushy, it blooms earlier than any other variety, and its semi-double, white, star-shaped flowers are fragrant.

2 feet, \$2.00 each.



Deciduous Shrubs

O HE judicious planting of hardy shrubs adds greatly to the beauty and value of property. From the comprehensive list of shrubs which follows, a selection can be made adapted to a wide range of conditions and requirements. Shrubs are all well grown specimens of blooming size.

Special prices will be made on shrubs in large quantities. Write for estimate.

Azaleas. Very early in spring the Azaleas are a mass of bloom, making the most gorgeous show of any of the deciduous shrubs. Whether planted singly or in masses, they are always conspicuous when in bloom. The most effective way of planting is to mingle them with Rhododendrons (both requiring about the same kind of soil and treatment), where their brilliant flowers will offset the somber foliage of the Rhododendrons before the latter come into bloom. All varieties of Azaleas are benefited by a partial shade, and must have plenty of water during the growing season. All of our plants are imported direct from Holland, and you can depend on getting the best stock that can be produced there. The plants offered will bloom the first year.

Price: Fine bushy plants.....each, 60c; doz., \$ 6.00

Extra strong plants.....each, \$1.00; doz., \$10.00

We have the following varieties in stock:

Azalea Mollis. Great trusses of large flowers colored in many shades of red, yellow, salmon, and orange. This is the variety most commonly planted, and is very popular.

Azalea Pontica. A splendid assortment of hybrids averaging larger than the preceding variety, and showing a greater diversity of color.

The Cassel Nursery Co.

Cleveland, Ohio.

Almond, White-flowering. (*Amygdalis Communis Alba.*) A very pretty little shrub with erect, slender branches, covered in May with small, very double white flowers.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$ 3.50

Almond, Pink-flowering. (*Amygdalis Communis Rosea.*) Similar to the above, excepting that the flowers are pink.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$ 3.50

Althea or Rose of Sharon. (*Hibiscus Syriacus.*) Familiar shrubs of deserving popularity. They will grow anywhere, and produce flowers from July to September. We can furnish plants in assorted colors, single or double. The single varieties bloom in greater profusion, and are more attractive than the double. Colors, white, pink, red, and purple.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$ 2.50
3 to 4 ft.,	.35	3.50
4 to 5 ft.,	.50	5.00

We can give you either bush or tree form at the above prices.

Althea, Meehan's. (*Hibiscus Meehanii.*) A dwarf grower, but is one of the choicest varieties. The leaves are variegated white and green, flowers lavender, blooming in August and September.

	Each	Doz.
1½ ft.,	\$0.30	\$ 3.00
2 ft.,	.50	5.00

Althea, Variegated. (*Hibiscus Variegata.*) Similar to the above variety, but the flower is double, and a dark purple.

	Each	Doz.
2 ft.,	\$0.35	\$ 3.50

Barberry, Purple. (*Barberis Purpurea.*) A strong grower with dark purple foliage. The blooms in May are followed by clusters of red berries.

	Each	Doz.
18 to 24 in.,	\$0.25	\$ 2.50

Barberry, Thunberg's Japanese. (*Barberis Thunbergii.*) An invaluable little shrub that will grow almost anywhere. Foliage is a light green in summer, changing to a brilliant shade of orange and red in the fall. Blooms in May, followed by clusters of bright red berries that hang on well into the winter.

	Each	Doz.
18 to 24 in.,	\$0.25	\$ 2.50
2 to 3 ft.,	.35	3.50

For prices in larger quantities, see Hedge Plants.

Allspice or Sweet Shrub. (*Calycanthus Floridus.*) An old-fashioned shrub of upright habit, producing sweet scented, chocolate-colored flowers in June.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$ 2.50

Dogwood, Yellow. (*Cornus Lutea.*) A vigorous growing variety, having yellow-barked twigs.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$ 3.50

Dogwood, Red Siberian. (*Cornus Siberica.*) A valuable old variety, with heavy green foliage and bright red branches.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$ 2.50

Dogwood, Golden Variegated. (*Cornus Spaethii Aurea.*) Similar to the preceding variety, excepting that the leaves are variegated yellow and green, very attractive for massing for foliage effects.

	Each	Doz.
1½ to 2 ft.,	\$0.50	\$ 5.00

Dogwood, Silver Leaved. (*Cornus Elegantissima.*) The bright red branches of this variety are covered with green leaves margined with white.

	Each	Doz.
2 to 3 ft.,	\$0.50	\$ 5.00

Deutzia, Wells'. (*Deutzia Wellsii.*) The finest white variety of the species. It is a vigorous grower, and produces very double, white flowers in June.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$ 2.50
3 to 4 ft.,	.35	3.50

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Cleveland, Ohio.

Deutzia, Double White. (*Deutzia Crenata*.) A strong growing variety with double white blooms borne in panicles in June.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.35	3.50

Deutzia, Pride of Rochester. Similar in growth to the above, but the bloom is larger, with the under side of the petals rose-colored.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.35	3.50

Deutzia, Dwarf. (*Deutzia Gracilis*.) An old-fashioned, dense, low growing shrub, with single, pure white flowers borne in May.

	Each	Doz.
1½ to 2 ft.,	\$0.25	\$2.50

Deutzia, Lemoines. (*Deutzia Lemonei*.) Much resembles the preceding variety, but growth is more vigorous, and it produces a profusion of large white flowers along its slender branches in May. Very valuable.

	Each	Doz.
2 ft.,	\$0.25	\$2.50

Elder, Golden Leaved.

Foliage golden yellow. Grows to a height of 8 to 10 ft., but can be pruned to a compact bush of 5 to 6 ft.,
2 to 3 ft., \$0.25 each.

Golden Bell. (*Forsythia Viridissima*.) A vigorous erect grower, with spreading, erect branches, and bright, glossy green, narrow leaves. The yellow bell-shaped flowers appear in early spring. Valuable for the reason that it blooms earlier in spring than any other hardy shrub.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50

Honeysuckle, Bush, Red. (*Lonicera Tartarica, Rubra*.) An old-fashioned shrub with slender, upright branches. The small, fragrant red flowers are followed by red or orange-colored berries. May.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50

Honeysuckle, Bush, White. (*Lonicera Tartarica, Alba*.) Similar to the preceding except that this variety has white blooms.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.35	3.50

Honeysuckle, Japanese Bush. (*Lonicera Morrowi*.) An open bush with long, crooked branches, dark, glossy green leaves, and yellowish white flowers appearing from May to September.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$ 3.50

Hydrangea, Paniculata Grandiflora. From July until fall there is no shrub more showy than this old favorite, whose branches are bent with the weight of the huge white panicles of flowers, measuring from 12 to 18 inches in length.

	Each	Doz.
1½ to 2 ft.,	\$0.25	\$2.50
2 to 3 ft.,	.35	3.50



Hydrangea Arborescens Grandiflora

Hydrangea, Tree Form. Same as the above except that the plant is trained as a standard or tree-form.
3 to 4 ft., \$0.75 each.

===== HYDRANGEA =====
ARBORESCENS GRANDIFLORA
(Hills of Snow.)

An everblooming Hydrangea. Flowers about the same size as the com-



mon snowball. Blooms continually from June until late fall. A very desirable addition to our list of hardy shrubs.

Each Doz.
18 to 24 in., \$0.40 \$4.00

Kerria Japonica. A shrub with bright green branches and orange-yellow, single flowers from June until May.

Each Doz.
2 to 3 ft., \$0.25 \$ 2.50

Kerria Japonica, Fl. Pl. (Globe Flower.) Same as the above, except that this variety has very double yellow flowers, \$0.30 each.

Kerria Japonica, Variegata. (Variegated Globe Flower.) A silvery variegated form of dwarf growth, bearing single yellow flowers. Valuable as a border for taller growing shrubs.

Each Doz.
1 ft., \$0.25 \$ 2.50

Rhodoty whole Kerriodes. (White Kerria.) Resembles the yellow Kerrias in leaf growth. The slender branches bear large, single white flowers in May, and sparingly throughout the summer, followed by black berries in the fall.

Each Doz.
1 to 1½ ft., \$0.25 \$ 2.50
2 to 3 ft., .35 3.50

LILAC

BUDDED FRENCH VARIETIES

(Tree Shaped)

Below we give descriptions of the best improved French varieties of lilacs. They are much superior to the common varieties in size and color of blooms.

Belle D. Nancy, double satiny-rose.

Mad. Abel Chatenay, large double white.

Pres. Grevy, large double blue.

3 to 4 ft., \$0.75 each.
4 to 5 ft., 1.00 each.

Lilac, Common Purple. (*Syringa Vulgaris.*) The well known old-fashioned purple lilac. Hardy and vigorous, bearing large panicles of purple flowers in May.

Each Doz.
2 to 3 ft., \$0.25 \$2.50
3 to 4 ft., .50 5.00

Lilac, Common White. (*Syringa Alba.*) Similar in general character to the above variety, but the flowers are white. Price same as the purple variety.

Mock Orange. (*Philadelphus Grandiflorus.*) Forms a large spreading bush, with graceful drooping branches. Large white flowers, slightly fragrant, are borne in June.

Each Doz.
3 to 4 ft., \$0.35 \$3.50

Philadelphus, Lemoinei. Of slender, graceful growth, producing large clusters of fragrant white flowers in June.

Each Doz.
2 to 3 ft., \$0.30 \$3.00

Philadelphus, Aurea. (Golden Mock Orange.) A dwarf grower and produces but few flowers. Valuable chiefly for its golden-yellow foliage.

Each Doz.
1 to 1½ ft., \$0.35 \$3.50

Symporicarpus Racemosus. (White Snowberry.) A native shrub that produces small red flowers in the spring, succeeded by an abundance of white berries. Very ornamental.

Each Doz.
2 ft., \$0.25 \$2.50

Symporicarpus Vulgaris. (Red Snowberry or Coral Berry.) Similar in character to the above, but produces red berries that remain on the bushes during the winter.

Each Doz.
2 ft., \$0.25 \$2.50

Spirea, Anthony Waterer. A dwarf grower with good foliage, frequently slightly variegated. Flower heads of deep crimson, appearing in June, and blooming continuously until September.

Each Doz.
1 to 1½ ft., \$0.25 \$2.50



Spirea, Billardi. Erect branches crowned with narrow, dense spikes of bright pink flowers. A strong grower and very useful.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.35	3.50

Spirea, Billardi Alba. Similar to the above, excepting the color, which is creamy white.

	Each	Doz.
2 ft..	\$0.25	\$2.50

Spirea, Bumalda. A bushy plant of vigorous habit with an abundance of rosy pink, flat flower heads from June to September.

	Each	Doz.
2 ft.,	\$0.25	\$2.50

Spirea, Opulifolia Aurea. Valuable chiefly for its bright golden foliage in spring, which darkens as the season advances.

	Each	Doz.
2 to 3 ft.,	\$0.30	\$3.00

Spirea, Tomentosa. Flowers in deep pink panicles, July to September.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50

Spirea, Van Houttei. More largely planted than any other variety of the Spireas. A strong grower, with a drooping habit, and handsome foliage. The profusion of double blooms cover the plant with a canopy of white in June.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.35	3.50
4 to 5 ft.,	.50	5.00

Snowball, Common. (Viburnum Opulus Sterilis.) Grows anywhere, and always flowers abundantly in May. So very well known and popular, that it needs no recommendation.

	Each	Doz.
2 to 3 ft.,	\$0.25	\$2.50
3 to 4 ft.,	.50	5.00

Spirea, Thunbergii. A graceful, low growing variety, with innumerable, small white flowers, that crowd along its slender branches in May.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$3.50

High-Bush Cranberry. (Viburnum Opulus.) A single blooming variety of the above. Chiefly valuable for the brilliant red berries that cling to the leafless branches through the winter.

	Each	Doz.
2 to 3 ft.,	\$0.30	\$3.00

Japan Snowball. (Viburnum Plicatum.) Growth very bushy, with dark green foliage. Flowers are pure white, double, and borne along the stems of the previous season's growth.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$ 3.50
3 to 4 ft.,	.50	5.00

Weigelia, Pink. (Weigelia Rosea.) A strong symmetrical grower; its flowers of delicate pink are produced in great profusion in June.

	Each	Doz.
2 to 3 ft.,	\$0.30	\$3.00

Weigelia, White. (Weigelia Candida.) Similar to the above, except that it is a very erect grower, and produces white flowers in June.

	Each	Doz.
2 to 3 ft.,	\$0.30	\$3.00

Weigelia, Eva Rathke. The best of the red flowering varieties. A continual bloomer from June to September.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$3.50

Weigelia, Variegated. (Weigelia Variegata.) An excellent shrub for color contrasts. The silvery variegated leaves hold their color the entire season, flowers, pale pink in May.

	Each	Doz.
2 to 3 ft.,	\$0.35	\$3.50

Evergreen Trees

We do not offer a complete line of evergreen trees, but will be pleased at any time to quote prices on any stock you may need.

Blue Spruce. (Picea Pungens Kos-teriana.) This is the best variety of the Blue Spruce and is of a striking blue color. Roots balled and burlapped.

2 ft. specimens, \$2.50 each.
3 ft. specimens, 4.00 each.

American Arbor Vitae. (Thuya Occi-dentalis.) A native variety that suc-

ceeds everywhere; perfectly hardy, with an erect, pyramidal habit. Roots balled and burlapped.

3 to 4 ft. specimens, \$0.75 each.

Norway Spruce. (Picea Excelso.) This is the Spruce most commonly planted, being perfectly hardy, and a rapid grower.

2 ft. specimens,	\$0.25	\$2.50
2½ ft. specimens,	.35	3.50
3 ft. specimens,	.50	5.00

Special prices by the hundred or thousand.

Evergreen Shrubs

Rhododendrons. This plant stands without an equal among the flower-ing shrubs, and, to retain their su-premacy, possess the crowning vir-tue of flowering in all their glory the same season as planted. They thrive best with a northern expo-sure, in a moist soil, rich in leaf mold, and should be planted in groups or masses so that the varied colors of the flowers will blend har-moniously together. We import our Rhododendrons direct from our own growers in Holland, and our stock is the best that can be pro-duced. Our plants are dug with ball of earth and the ball tied with burlap, the plant being delivered to our customers protected in this way; this is why our customers have such success with their Rhododendron beds.

Prices quoted are for Parson's Hardy Hybrids, customer's choice of varieties.

	Each	Doz.
18 to 20 inches,	\$1.25	\$13.75
20 to 24 inches,	1.50	16.50
24 to 30 inches,	2.00	22.00

Mahonia, Aquifolia. A native ever-green plant belonging to the Holly family, having bright green foliage in summer, changing to bronze in winter.

10 to 12 inches,	\$0.25	each.
12 to 18 inches,	.35	each.

Euonymus, A. Carriere. Similar to the above, but the leaves are smaller and sometimes marked with white. A very rare variety.

12 inches,	\$0.75	each.
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Bush Box. (Buxus Sempervirens.) A strong grower, and does well in shady places. We have nice speci-mens for planting in tubs and vases, to be used for formal gardens, ter-races and porches. They must be seen to be appreciated.

Box, bush form, 2 to 2½ ft.,	\$2.00
Box, bush form, 2½ to 3 ft.,	2.50
Box, pyramids, 3 ft.,	3.00

Azalea, Amoena. A bushy, dwarf evergreen with small green leaves that turn to a lustrous, coppery hue in winter. In April and May the whole plant is clothed with a mass of brilliant, claret-colored flowers, that hold their color for three or four weeks. Should be used as a border, or for planting in front of Rhododendrons. Roots dug with ball and burlapped. Very valuable, and no collection is complete with-out it.

	Each	Doz.
10 to 12 inches,	\$0.75	\$ 7.50
12 to 15 inches,	1.00	11.00
15 to 18 inches,	1.50	17.50



Hedge Plants

California Privet. (*Ligustrum Ovalifolium*.) Well known and popular everywhere. The almost evergreen, glossy foliage makes it one of the best for ornamental hedges. We grow this variety in large quantities, and can make low prices in large lots.

12 to 18 inches,	\$4.00 per 100
18 to 24 inches,	5.00 per 100
24 to 30 inches,	6.00 per 100
3 to 4 ft.,	7.50 per 100

Ibota Privet. (*Ligustrum Ibota*.) Reputed as the hardiest of the species. Of arching habit, with narrow leaves and white, fragrant flowers in June.

18 to 24 inches,	\$7.50 per 100
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Common Privet. (*Ligustrum Vulgaris*.) A very rank, upright grower, and for tall hedges it is perhaps superior to any other variety. Price same as the above.

Regel's Privet. (*Ligustrum Regelianum*.) Similar to the Ibota in many respects, but the branches are more dense, with heavier foliage. This variety is becoming very popular and is being largely planted.

12 to 18 inches,	\$ 7.50 per 100
18 to 24 inches,	10.00 per 100

Japanese Barberry. (*Berberis Thunbergii*.) This variety of Barberry produces a very compact, low-growing hedge that is much admired.

10 to 12 inches,	\$8.00 per 100
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Ornamental Vines

ORNAMENTAL vines are as necessary to the beauty of a home as the trees and shrubs that we plant around them. We offer strong, robust growers that require but little attention, other than to occasionally train them.

Ampelopsis Veitchii. (Boston Ivy.) Quite hardy, a rapid grower, and the tendrils will cling to any surface, such as brick and stone walls. The leaves overlap each other.

Strong 2 year,	Each Doz.	\$0.35 \$3.50
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Ampelopsis Quinquefolia. (Virginia Creeper.) A native variety of vigorous growth, and is much used to cover fences, etc.

2 year,	Each Doz.	\$0.25 \$2.50
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Bignonia, Radicans. (Trumpet Vine.) A very strong, tropical growing vine, with large, trumpet-shaped, orange-red flowers.

2 year,	Each Doz.	\$0.35 \$3.50
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Clematis, Jackmani. Next to *Clematis Paniculata*, this is the most popular variety, with large purple flowers, borne abundantly in June, and sparingly until fall.

2 year,	\$0.50 each.
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Clematis, Paniculata. (Japanese Clematis.) A strong, luxuriant grower, with very handsome foliage. In August the plants are completely covered with small, white, star-shaped flowers.

2 year,	Each Doz.	\$0.35 \$3.50
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Clematis, Henryi. Similar to the Jackmani, except that the bloom is a rich, creamy white.

2 year,	\$0.50 each.
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Clematis, Madame Andre. This is the best of the large, red-flowering varieties, and should be in every collection.

2 year, \$0.50 each.

Celastrus Scandens. (Bittersweet.) A native vine that is very ornamental in fall and winter, when it is covered with brilliant orange and scarlet fruits.

2 year, \$0.30 each.

Wistaria, Chinese Purple. The common variety, which blooms so profusely in May. Flowers, pale blue.

2 year, \$0.50 each.

Wistaria, Chinese White. Similar to the above, but produces white blooms.

2 year, \$0.50 each.

Aristolochia Sipho. (Dutchman's Pipe.) A strong, tropical-looking vine with handsome, light green leaves 8 to 12 inches across. The brown flowers are shaped like the bowl of a pipe, hence the name.

3 year, \$0.60 each.

Lonicera, Halleana. (Hall's Honey-suckle.) Of strong, half-evergreen habit, it produces a wealth of white and yellow flowers from early spring until frost. The most popular variety for verandas, fences, etc.

2 year, \$0.35 each.
2½ inch pot plants, .25 each.

Euonymus Radicans. (Creeping Euonymus.) An evergreen species, with small glossy green leaves, that grows slowly to a height of 20 or 30 feet.

2 year, \$0.25 each.

Roses

HE list of varieties we offer has been selected for their hardiness, freedom of bloom and distinction in colors. We have divided them in different classes, each class requiring different treatment to insure success.

Roses, Hybrid Perpetuals,

In this class we place all of the hardy, everblooming varieties. This class blooms on wood of the present season's growth, hence the more vigorous and plentiful the growth, the more bloom you will get. Prune severely, as this promotes a greater growth and abundance of bloom.

Price, strong 2 and 3 year plants, 30 cents each, \$3.00 per doz., unless otherwise noted.

Alfred Colomb. Brilliant carmine-crimson; large and globular.

Annie De Diesbach. Silvery pink; vigorous grower.

Baron De Bonstettin. Dark velvety red; large, very fragrant flowers.

Baroness Rothchild. Rich satiny pink; very large.

Coquette De Alps. Rich creamy white with pale blush center, changing to white.

Clio. Light delicate blush with rosy pink center.

Duke of Edinburgh. Bright crimson; very large and double.

Fisher Holmes. Rich velvety crimson; vigorous grower.

The Cassel Nursery Co. Cleveland, Ohio.

Frau Karl Druschki. Very large, white; perfect and fragrant. 35 cents each.



Frau Karl Druschki

Eugene Furst. A beautiful, velvety crimson, with distinct shading of crimson maroon. A free bloomer.



Gruss an Teplitz

Gloire De Margotton. Bright red, perfect form.

Gen. Jacqueminot. Brilliant crimson; an old well known favorite.

Gruss an Teplitz. (Hybrid Tea.) Very dark velvety crimson. Almost always in bloom from June to October; perfectly hardy. 35 cents each.

J. B. Clark. (New.) An unusually large rose of deep scarlet overlaid with crimson. Robust in growth, with heavy, clean foliage. No collection is complete without this rose. Price, 50 cents each.



J. B. Clark

John Hopper. Bright rose, carmine center; very vigorous.

Jules Margotton. Bright rosy-carmine; very fragrant.

Magna Charta. (Hybrid China.) Bright rose, suffused with carmine.

Margaret Dickson. Very large white, blush center.

Marshall P. Wilder. Large bloom, cherry-carmine.

The Cassel Nursery Co.

Cleveland, Ohio.

Mrs. John Laing. Delicate pink; very large, and a free bloomer.

Paul Neyron. An old favorite, and very popular; very large, deep rose.

Prince Camille De Rohan. Deep velvety crimson, shaded black.

Ulrich Brunner. Rich, glowing crimson, flamed scarlet.

Victor Verdier. Rosy carmine; very large.

ROSES

BABY RAMBLERS

A new race of dwarf, hardy, ever-blooming roses, with small blooms, growing in clusters.

Dwarf Crimson Rambler. Double crimson. 2 year, 30 cents each.

Baby Dorothy. Very double, shell-pink. 2 year, 30 cents each.

White Baby Rambler. Pure white, very double. 2 year, 30 cents each.

HARDY CLIMBING. (Rambler)

Blue Rambler. A rank grower. Blooms are a trifle larger than the crimson variety, and when fully open, are a bright steely blue. 2 year, 75 cents each.

Climbing Flower of Fairfield. Best described as an everblooming Crimson Rambler, blooming continuously from June to October. 2 year, 75 cents each.

Crimson Rambler. Well known and popular. A strong, rapid grower, that produces brilliant clusters of small, double, crimson flowers in great profusion. Strong 2 year plants, 2 to 3 feet, 30 cents each, 4 to 5 feet plants 50 cents.

Dorothy Perkins. A splendid variety, with beautiful shell-pink, very double flowers, borne in immense clusters. The best of its color. Strong 2 year plants, 3 to 4 feet, 30 cents each; 5 to 6 feet, 50 cents each.

May Queen. Blooms very early, small light pink. 2 to 3 feet, 30 cents each.

Ruby Queen. Deep ruby-red; very vigorous. 2 to 3 feet, 30 cents each.

ROSES

MISCELLANEOUS

Rosa Rugosa, Rubra. This rose grows very easily, and is valuable for massing, the immense red, single blooms being followed by the seed pods of a gorgeous scarlet color.

	Each	Doz.
2 year,	\$0.30	\$3.00

Rosa Rugosa, Alba. Similar to the above, but the blooms are white. 2 year, \$0.40 each

John Cranston. The common red, moss rose. 2 year, \$0.30 each

Persian Yellow. The common yellow, June rose. 2 year, \$0.35 each

TREE ROSES

These roses are grafted on hardy rose stocks four feet high, and are tree shaped. They are all of the hardy class of roses, and will bloom the first year. Colors, white, pink, rose and red. Price, \$1.00 each.

Spraying

It is sometimes necessary to spray trees and shrubbery to save them from insects. We have outfits for doing this work, using methods and material recommended by the Ohio State Board of Agriculture.



Hardy Herbaceous Plants

HPLANTING of these hardy plants affords a display of bloom from earliest spring until frost comes in the fall, and gives the owner flowers that can be cut at any time during the summer. The plants offered are all field-grown, are perfectly hardy, and will remain in the open ground, uninjured, through the winter. From this list you can plant an "old-fashioned flower garden."

Except where otherwise noted, the price of these perennial plants is: 15 cents each; \$1.50 per doz., \$10.00 per hundred, \$75.00 per thousand.

Meehans' Mallow Marvels



Meehan's Mallow Marvels

The most remarkable creation of the day. Hardy in Canada. Thrives as well there as it does in the South. A plant for all sections of the country. Flowers in all shades of colors, ten inches across. Plants labeled to color as they flower. Every plant sold true to color. 25 cents each.

Hibiscus Moscheutos.

(Rose Mallow.) 3 feet. Flowers 6 inches or more in diameter; of a light rose-red color, with darker eye. Flowers improve with age of plant.

The Cassel Nursery Co.

Cleveland, Ohio.

Achillea, The Pearl. 2 feet. Covered in July with small, white, very double flowers.

Anemone. 2 to 3 feet. A splendid late flowering perennial, blooming in September and October. Single and double, white, pink and red.

Anthemis Tinctoria. (Hardy Mar-guerite.) 1½ feet. A bushy plant, blooming continuously throughout the summer, flowers bright, golden yellow.

Aquilegia. (Columbine.) 1½ to 2 feet. May to July. Assorted colors, red, white and blue.

Aster Tartarica. (Michaelmas Daisies.) Bright purple, blooms all fall on stems 4 to 5 feet high.

Campanula. (Canterbury Bells.) 2 to 3 feet. Beautiful bell-shaped flowers borne on stiff stalks; very fine. Blue, rose and white.

Coreopsis. 1½ feet. The flowers are of a rich, golden yellow, and bloom continuously from June until frost; it succeeds everywhere.

Chrysanthemum. Pompon varieties. 2 feet. Now universally popular for outdoor bedding, as they produce bloom when other plants have been destroyed by frost. We can furnish in an assortment of colors: white, pink, red, crimson and yellow.

Dicentra. (Bleeding Heart.) 1 foot. An old-fashioned favorite, with heart-shaped pink flowers, blooming in May.

Digitalis. (Foxglove.) Another old-fashioned flower with strong spikes of bloom three to four feet high; we offer assorted colors, white to red.

Delphinium. (Hardy Larkspur.) 2 to 3 feet. Valuable chiefly for their sky-blue flowers borne on tall stalks during July and August.

Dianthus Barbatus. (Sweet William.) 2 feet. The colorings of this variety are almost endless in their variations; bloom in June and July.

Eulalia, Japonica Variegata. 6 feet. A very ornamental variety of hardy grass with long narrow leaves striped green, white and often pink or yellow. 25 cents each, \$2.50 per dozen.

Eulalia, Japonica Zebrina. 7 feet. The long narrow blades of this variety are marked with yellow bands across the leaf. Very attractive. 25 cents each, \$2.50 per dozen.

Eulalia, Gracillima Univittata. 4 feet. Of graceful habit, with very narrow foliage. 25 cents each, \$2.50 per dozen.

Gaillardia. (Blanket Flower.) 2 feet. Beginning in June, this plant produces gorgeous flowers of brilliant crimson with markings of brown and yellow, continuing to bloom until the ground is frozen in the fall.

Helianthus. (Hardy Sunflower.) 4 to 6 feet. Many varieties, all yellow, beginning to flower in July, and continuing until October.

Hardy Clove Pink. 1 foot. Old favorites bearing their sweet, clove-scented flowers in great profusion during May and June.

Hollyhocks, Single. 6 feet. We have a fine strain of these old-fashioned favorites in white, pink, red and purple. 10 cents each, \$1.00 per dozen.

Hollyhocks, Double. 5 feet. Very distinct double varieties in red, white, pink, maroon, and salmon colors.

Iris, German. (Fleur de Lis.) 3 feet. A very desirable early spring-flowering plant, with a wide range of colors and marking. Assorted colors. 10 cents each.



Iris, Japanese. 2 feet. These magnificent Iris are among the most beautiful of our summer-flowering plants, many of the flowers being 8 to 10 inches across, and rival the orchids in their rich coloring.

Lathyrus Latifolius. (Hardy Sweet Pea.) Climbs 8 to 10 feet, and produces large clusters of flowers resembling sweet peas. Red and white.

Lychnis Chalcedonica. 3 feet. (Maltese Cross.) A desirable perennial, with brilliant heads of orange-scarlet flowers from July to September.

Phlox. 1 to 3 feet. The flowers are borne on the top of each shoot. We offer a wide range of colors, many varieties being of our own production. 10 cents each.

Platycodon, Grandiflora. (Chinese Bellflower.) 2 feet. Resembles the Campanula in appearance and blooms continuously from June until October. The flowers are 2 inches across, 50 or more on a stem. Usually a deep blue, sometimes clear white. Very valuable. 10 cents each.

Monarda Didyma. (Bergamot.) 2 feet. Bright scarlet flowers on long spikes during July and August.

Physostegia Virginica. 4 feet. A splendid summer-flowering perennial with long spikes of showy pink flowers. 10 cents each.

Rudbeckia. (Golden Glow.) 6 feet. From July to September the tall stems are aglow with yellow, dahlia-like flowers. 10 cents each.

Shasta Daisy. (Chrysanthemum, Hybridum.) 1½ feet. Large snowy-white flowers in bloom from June until autumn.

Tritoma Uvaria. (Red-hot Poker Plant.) The old-fashioned late flowering variety, with spikes 3 to 5 feet high, flowers rich ochre-red, passing to salmon-pink.

Tritoma Pfitzerii. An everblooming variety of the above, with spikes 3 to 4 feet high. Color orange-scarlet.

Yucca Filamentosa. (Adam's Needle.) A conspicuous plant with stiff evergreen foliage. The large spikes of creamy white flowers make it quite attractive for massing or as single specimens. 2 year, 25 cents each; 3 year, 50 cents each.

Paeonies

MAGNIFICENT hardy plants, almost rivaling the rose in perfume and brilliancy of color. Although paeonies do better if planted in the fall, yet if planted early in spring, they succeed very well but do not expect too much from them the first season. We have a large assortment of varieties, but name only a half dozen of the most popular. Price of these or other standard varieties:

Strong plants 25c each except where otherwise noted.

Edulis Superba. Almost clear rose. One of the best of the pink varieties.

Hercules. Loose globular blooms often 8 inches across. Color, bright rose to blush white, each, 35 cents.

Festiva. White, with carmine spots.

Grandiflora Rubra. Very deep red.

Queen Victoria. Late; white, creamy center.

Rubra Triumphans. Dark carmine, with conspicuous yellow stamens.

Planting

IN planting trees, it is well to remember the axiom, "What is worth doing at all is worth doing well."

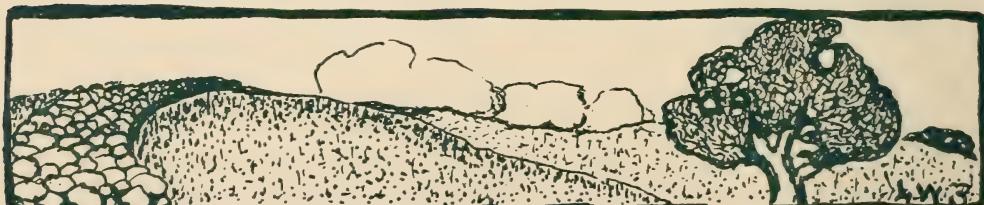
All things considered, Spring is the best time to plant trees and shrubs, and the earlier it can be done after the soil is dry enough to work, the better.

In removing trees, no matter how carefully it may be done, a portion of the roots are broken, and the natural balance that existed in the structure of the tree is deranged. This must be restored by proper pruning, adapted to the size, habit and condition of the tree. Cut out all unshapely branches, and shorten last season's growth about half, but leaving the tree with a symmetrical head. Any long roots may be shortened a little, and the ends of roots that were bruised in digging should be cut off smooth.

In planting much depends on keeping the roots fresh, hence from the time our stock is lifted from the nursery until it is delivered to our customers, we employ every means to keep the roots fresh and in good growing condition.

When ready to plant, dig holes large enough to admit the roots of the tree to spread out in their natural position. In filling in the hole, good soil should be worked around the roots, filling every interstice, and bringing every root in contact with the soil. Guard against planting too deep; the trees as the ground settles should stand to the same depth they were in the nursery. An exception to this rule should be made in the case of budded roses and dwarf pears, which should be planted with the union of stock and cion three inches below the surface.

Manure should never be put on the roots, but should be placed on the surface around the tree, as this will prevent the ground from baking or cracking, and maintain an even temperature about the roots.





Insecticides and Fungicides (Net Cash)

All of the chemicals we offer are manufactured for us by well known Cleveland firms with a world-wide reputation, this in itself being a guarantee of the honesty of the goods offered.

We offer only such chemicals as we have found useful in our nursery and grounds.

Arsenate of Lead. The best of arsenical insecticides; does not burn the foliage, showing white, so that you can tell just what has been sprayed; sticks well to the foliage, and is sure death to all leaf eating insects. Apply at rate of one ounce to one gallon of water. 1 lb. glass jar, 25c; 2 lbs.. 40c; 5 lbs.. 75c.; 100 lb. kegs, \$12.50.

Bordeaux Mixture. (Dry.) For use as a fungicide. 1 lb., 20c; 5 lbs., 75c; 50 lbs., \$6.50.

Lime Sulphur Solution. A perfect scale and fungous destroyer. We use this largely in our own nursery, and also on all commercial work. It is the least expensive and easiest to apply of all insecticides, and if applied as directed we will guarantee it to give perfect results. Gallon, 60c; 5 gallons, \$2.50; barrel of about 50 gallons, \$11.00.

Paris Green. 1 lb. can, 35c; 5 lbs., \$1.25.

Whale Oil Soap. Used as a summer wash or spray. We use this to protect plants from aphides and all "sucking" insects as it kills by contact. 1 lb., 15c; 5 lbs., 50c; 50 lbs., \$4.00.

Note. We have a competent man versed in entomology, who will make examination of infested trees, and give advice as to the proper remedy to use in any case called to his attention.

High Grade Fertilizers (Net Cash)

Pure Ground Bone. Finely pulverized, acts quickly, and is very effective if used on lawns. 10 lbs., 40c; 100 lbs., \$2.25; ton, \$32.

Pulverized Sheep Manure. A rich, pure, natural manure. Excellent as a top dressing for lawns, vegetable and flower gardens. We use this largely in the nursery. 10 lbs., 30c; 50 lbs., \$1.00; 100 lbs., \$1.60; ton, \$28.

Prices on other fertilizers will be given on application.

The Cassel Nursery Co.
Cleveland, Ohio.



European Sycamore

